

**CALIFORNIA ENERGY COMMISSION**

1516 NINTH STREET  
SACRAMENTO, CA 95814-5512  
[www.energy.ca.gov](http://www.energy.ca.gov)

**NOTICE OF PROPOSED AWARD (NOPA)**

**Wildfire: Assessing and Preparing for Risks under Climate Change**  
**GFO-18-301**  
**May 8, 2019**

On December 27, 2018, the California Energy Commission (Energy Commission) released a competitive solicitation to fund applied research and development to fill gaps in knowledge of fire science and apply that new knowledge to improve models to assess wildfire risk for grid operations and planning. Such models are needed to help ensure resiliency of the electric grid in the near- and long-terms in the face of the growing wildfire risk under climate change. Up to \$5 million in Electric Program Investment Charge (EPIC) funding is available to fund applications in this solicitation.

The Energy Commission received nine proposals by the due date of March 25, 2019. Each proposal was screened, reviewed, evaluated and scored using the criteria in the solicitation. All nine proposals passed the Stage One Application Screening.

The attached "Notice of Proposed Awards" identifies the applicant selected and recommended for funding by Energy Commission staff and includes the recommended funding amount and score. The total amount recommended is \$5 million.

Funding of the proposed project resulting from this solicitation is contingent upon the approval of this project at a publicly noticed Energy Commission Business Meeting and execution of a grant agreement. If the Energy Commission is unable to timely negotiate and execute a funding agreement with an Applicant, the Energy Commission, at its sole discretion, reserves the right to cancel or otherwise modify the pending award, and award the funds to another applicant.

In addition, the Energy Commission reserves the right to negotiate with the successful applicant to modify the project scope, schedule, and/or level of funding.

This notice is being mailed to all parties who submitted an application to this solicitation and is also posted on the Energy Commission's website at: [www.energy.ca.gov/contracts/](http://www.energy.ca.gov/contracts/).

For information, please contact Angela Hockaday at (916) 654-5186 or [Angela.Hockaday@energy.ca.gov](mailto:Angela.Hockaday@energy.ca.gov).

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# California Energy Commission

## GFO-18-301

**Wildfire: Assessing and Preparing for Risks under Climate Change**  
**Project Group: Building the Next Generation of Wildfire Risk Models for Grid Resilience**

### Notice of Proposed Award

Tuesday, May 8, 2019

Rank Number	Project Applicant	Title	Energy Commission Funds Requested	Energy Commission Funds Recommended	Match Funds	Score	Award Status
<b>Proposed Awards</b>							
1	Spatial Informatics Group, LLC	Comprehensive open source development of next generation wildfire models for grid resiliency	\$5,000,000	\$5,000,000	\$1,656,600	94.44	Awardee
<b>Total Funding Recommended</b>			<b>\$5,000,000</b>	<b>\$5,000,000</b>	<b>\$1,656,600</b>		
<b>Passed but Not Funded</b>							
2	Electric Power Research Institute, Inc.	Strategies for Mitigation, Assessment of Risk, and Technology Applications for Wildfire Action and Resiliency in the Electric Sector (SMART AWARE)	\$5,000,000	\$0	\$4,764,306	86.65	Finalist
3	Lawrence Berkeley National Laboratory (LBNL)	Next Generation Wildfire Risk and Spread Models for California Using Big Data and High-Performance Computing Solutions for Grid Resilience	\$5,000,000	\$0	\$32,000	85.18	Finalist
4	Technosylva Inc.	Building the Next Generation of Wildfire Risk Models for Grid Resilience in California	\$4,998,785	\$0	\$9,463,732	78.50	Finalist
5	The Regents of the University of California (UCLA)	Wildfire: Assessing and Preparing for Risks Under Climate Change	\$4,706,926	\$0	\$160,000	77.53	Finalist



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6	The Regents of the University of California (Berkeley)	Wildfire: Assessing and Preparing for Risks Under Climate Change	\$4,916,602	\$0	\$0	75.58	Finalist
7	Regents of the University of California (Irvine)	CAL-WARM: California Wildfire Adaptation and Risk Management	\$5,000,000	\$0	\$0	75.45	Finalist
<b>Total</b>			<b>\$29,622,313</b>	<b>\$0</b>	<b>\$14,420,038</b>		
<b>Did Not Pass</b>							
	Mastery Instruments	Emergency Power Line Interrupter Design	\$4,989,500	\$0	\$0		Did Not Pass
	WZI, Inc.	GIS Interactive Fire Risk Map	\$1,279,693	\$0	\$0		Did Not Pass
<b>Total</b>			<b>\$6,269,193</b>	<b>\$0</b>	<b>\$0</b>		
<b>Disqualified</b>							
<b>Total</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		
<b>Grand Total</b>			<b>\$40,891,506</b>	<b>\$5,000,000</b>	<b>\$16,076,638</b>		